



GARY R. HERBERT  
Governor

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Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

### Division of Oil, Gas & Mining

MICHAEL R. STYLER  
Executive Director

JOHN R. BAZA  
Division Director

#### Inspection Report

#### Minerals Regulatory Program

Date: June 29, 2010

Reviewed: 

<b>Mine Name:</b> State ML 43395 – Fossils	<b>Permit Number:</b> S0270011
<b>Operator Name:</b> Rex and Gary Harris	<b>Inspection Date:</b> 06/23/2010
<b>Inspector(s):</b> John Rogers	<b>Time:</b> 3:00 pm
<b>Other Participants:</b> none	<b>Mine Status:</b> active

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Re-vegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Bond Amount:** \$12,000 **Bond renewal Date** 11/29/2009 **Permit fee:** current

**Purpose of Inspection:** The Division sent out a bond escalation letter on February 24, 2010 increasing the bond to \$24,600 (3years) or \$25,200 (5 years) based on the NOI permitted 5 acres of disturbance. Gary Harris chose to revise his NOI to reflect that the amended plan was to disturb only 3-acres in the mining operation. The mine was inspected to verify the size of the disturbance, its general condition and determine an accurate bond.

**Inspection Summary:** The site was clean and well maintained. This is an active commercial digging site for trilobites. The area of the pit was GPS at 2.1 acres with a road length of 610 feet. The total disturbance is 2.2 acres. The quarry consists of two pits, north and south, separated by a large pad area. No concurrent reclamation on the site has taken place. There are no public safety hazards, air quality problems or water impoundment issues. The road is well maintained and safe.

**Conclusions and Recommendations:** The total disturbance is 2.2 acres and the amended NOI has requested a 3-acre limit of disturbance. There has been no significant change in the last 5 years. The Division suggests that the amended acreage be change to 3-acres along with the simultaneous change in the surety bond. The bond amount should be \$16,200 for 3 years OR \$16,300 for 5 years. SITLA holds

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the current bond of \$12,000, the additional amount needed should be: \$4,200 for 3 years OR 4,300 for 5 years.

**Inspector's Signature**

JCR:vs

cc: Rex Harris - operator

SITLA - Will Stokes - wstokes@utah.gov

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A handwritten signature in blue ink, appearing to read "John Ryan", is written over a horizontal line.





Road to mine – looking West



North Pit



Center pad area looking south



South Pit





Waste pile



Pad area looking north



Pad area



Pad area